

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20070154750").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/28 18:01
S2	22	(US-20050181246-\$ or US-20060136075-\$ or US-20050129997-\$ or US-20050255353-\$ or US-20060188764-\$ or US-20050014041-\$ or US-20060143983-\$ or US-20020030175-\$ or US-20030129108-\$ or US-20070104625-\$ or US-20030134166-\$ or US-20030211025-\$ or US-20070122666-\$ or US-20050217178-\$ or US-20040043343-\$ or US-20060083956-\$ or US-20040013917-\$).did. or (US-4086625-\$ or US-7066973-\$ or US-6455008-\$ or US-6332901-\$ or US-5637415-\$).did.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/28 18:02
S3	4	((("20050181246") or ("20050014041") or ("20040013917") or ("4086625"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/28 18:02
S4	4	((("20050181246") or ("20050014041") or ("20040013917") or ("4086625"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/28 18:03
S5	4	S4 and reform\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/28 18:03
S6	3	((("20050181246") or ("20050014041") or ("20040013917"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/28 18:04
S7	3	S6 and control\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/28 18:05
S8	3	S6 and time	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/28 18:07
S9	2	S6 and times	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 18:07
S10	7032	reform\$5 with hydrogen and shift\$3	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 18:08
S11	336	S10 and control\$4 with temperature and times with (start\$4 or stop\$4)	US-PGPUB;	ADJ	OFF	2010/07/28 18:09

			USPAT; USOCR			
S12	5	S10 and control\$4 with temperature with times with (start\$4 or stop\$4)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 18:09
S13	12	S10 and control\$4 with temperature same times with (start\$4 or stop\$4) not S12	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 18:19
S14	3	10/110831	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 18:20
S15	1	("20030129100").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/28 18:20
S16	1	("20030175562").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/28 18:43
S17	1	("20010002248").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/28 18:44
S18	6	S6 or S15 or S16 or S17	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/28 18:49
S19	6	(US-20050181246-\$ or US-20050014041-\$ or US-20040013917-\$ or US-20030175562-\$ or US-20030129100-\$ or US-20010002248-\$).did.	US-PGPUB	ADJ	ON	2010/07/28 18:49
S20	2	S19 and ("s/c" or "h.sub.2o/c" or steam with carbon with ratio)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/28 18:50
S21	2	S16 or S17	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 19:05
S22	2	S21 and steam reform\$5 and shift\$4 and water and times and (control\$4 or increas\$4) with temperature	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 19:06
S23	2	S21 and steam reform\$5 and shift\$4 and water and times and (control\$4 or increas\$4) with temperature and (co or carbon monoxide) with concentration	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 19:06
S24	2	S23 and ("s/c" or "h.sub.2o/c" or steam with carbon with ratio)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/28 19:07
S25	1	S21 and steam reform\$5 and shift\$4 and water and times and (control\$4 or increas\$4) with temperature and control\$4 with (co or carbon monoxide) with concentration and ("s/c" or "h.sub.2o/c" or steam with carbon	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 19:08

		with ratio)				
S26	1	S21 and steam reform\$5 same water and shift\$4 and times and (control\$4 or increas\$4) with temperature and control\$4 with (co or carbon monoxide) with concentration and ("s/c" or "h.sub.2o/c" or steam with carbon with ratio)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 19:11
S27	1	S16 and times same temperature	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 19:13
S28	1	S17 and times same temperature	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 19:15
S29	1	S16 and temperature	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 19:15
S30	1	S16 and temperature with increas\$4	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 19:16
S31	1	S16 and fuel cell	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 19:17
S32	1	S16 and ("s/c" or "h.sub.2o/c" or steam with carbon with ratio)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/28 19:18
S33	1	S17 and ("s/c" or "h.sub.2o/c" or steam with carbon with ratio)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/28 19:18
S34	1	S17 and ratio	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/28 19:20
S35	6	S11 and increas\$4 with ("s/c" or "h.sub.2o/c" or steam with carbon with ratio)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/28 19:31
S36	1	S17 and steam reform\$5 with water and shift\$4 and times and (control\$4 or increas\$4) with temperature and (co or carbon monoxide) with concentration and ("s/c" or "h.sub.2o/c" or steam with carbon with ratio)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 19:34
S37	1	S17 and steam reform\$5 same water and shift\$4 and times and (control\$4 or increas\$4) with temperature and (co or carbon monoxide) with concentration and ("s/c" or "h.sub.2o/c" or steam with carbon with ratio)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 19:36
S38	0	S17 and steam reform\$5 same water supply and shift\$4 and times and (control\$4 or increas\$4) with temperature and (co or carbon monoxide) with concentration and	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 19:36

		("s/c" or "h.sub.2o/c" or steam with carbon with ratio)				
S39	1	S17 and temperature same times	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 19:38
S40	1	S17 and temperature with increas\$4	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 19:39
S41	1	S17 and times	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 19:41
S42	1	S16 and times	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:04
S43	1	S17 and (selective or preferential or prox)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:05
S44	1	S17 and temperature same concentration	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:09
S45	2	(S16 or S17) and temperature same concentration	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:09
S46	2	(S16 or S17) and temperature same concentration same control\$4	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:09
S47	1	S17 and (selective or preferential or prox) same (air or oxygen)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:13
S48	1	S17 and (selective or preferential or prox) same (air or oxygen or oxidant)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:13
S49	1	S17 and (air or oxygen or oxidant)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:13
S50	1	(S16 or S17) and temperature same concentration same control\$4 same purif\$7	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:16
S51	2	(S16 or S17) and temperature same concentration same control\$4 same (purif\$7 or shift\$4 or reform\$5)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:16
S52	1	S17 and (air or oxygen or oxidant) with control\$4	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:21

S53	1	S17 and (air or oxygen or oxidant) same control\$4 same (purif\$7 or shift\$4)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:23
S54	0	S16 and (air or oxygen or oxidant) same control\$4 same (purif\$7 or shift\$4)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:27
S55	0	(S16 or S17) and display\$4	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:27
S56	2	(S16 or S17) and times	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:27
S57	2	(S16 or S17) and times same temperature	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:29
S58	2	(S16 or S17) and time	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:31
S59	2	(S16 or S17) and time same temperature	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:32
S60	0	(S16 or S17) and time same temperature same times	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:32
S61	7	(US-20050181246-\$ or US-20050014041-\$ or US-20040013917-\$ or US-20030175562-\$ or US-20030129100-\$ or US-20010002248-\$ or US-20050227130-\$).did.	US-PGPUB	ADJ	ON	2010/07/28 20:45
S62	22	(US-20050181246-\$ or US-20060136075-\$ or US-20050129997-\$ or US-20050255353-\$ or US-20060188764-\$ or US-20050014041-\$ or US-20060143983-\$ or US-20020030175-\$ or US-20030129108-\$ or US-20070104625-\$ or US-20030134166-\$ or US-20030211025-\$ or US-20070122666-\$ or US-20050217178-\$ or US-20040043343-\$ or US-20060083956-\$ or US-20040013917-\$).did. or (US-4086625-\$ or US-7066973-\$ or US-6455008-\$ or US-6332901-\$ or US-5637415-\$).did.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/28 20:45
S63	26	S61 or S62	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/28 20:45
S64	0	S9 and increas\$4 with ("s/c" or "h.sub.2o/c" or steam with carbon with ratio)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/28 20:45
S65	7	S63 and increas\$4 with ("s/c" or "h.sub.2o/c" or steam with carbon with ratio)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/28 20:45

S66	0	S63 and increas\$4 with ("s/c" or "h.sub.2o/c" or steam with carbon with ratio) same times	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:46
S67	1	S17 and times	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/28 20:49
S68	7	S63 and increas\$4 with ("s/c" or "h.sub.2o/c" or steam with carbon with ratio)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:50
S69	1	S17 and times	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/07/28 20:50
S70	1	S17 and co with concentration	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/28 21:05
S71	1	S17 and carbon monoxide with concentration	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/28 21:06
S72	2	S16 or S17	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/28 22:00
S73	1	("20050129997").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/28 22:01
S74	3	S72 or S73	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/28 22:01
S75	2	((("20050129997") or ("20030175562")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/04 11:15
S76	3	((("20050129997") or ("20030175562") or ("20010002248")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/04 11:43
S77	3	((("20050129997") or ("20030175562") or ("20010002248")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/17 11:00
S78	2	S77 and (temperature or control) with (shift or wgs)	US-PGPUB; USPAT; USOCR	ADJ	ON	2012/01/17 11:04
S79	1	S77 and (temperature or control) with (shift or wgs) with (number or time)	US-PGPUB; USPAT; USOCR	ADJ	ON	2012/01/17 11:07
S80	1	S77 and "[0104]" same (shift or wgs)	US-PGPUB; USPAT;	ADJ	ON	2012/01/17 11:16

			USOCR			
S81	1	("20050129997").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2012/01/17 11:17
S82	0	S81 and (shift or wgs) same times	US- PGPUB; USPAT; USOCR	ADJ	OFF	2012/01/17 11:17
S83	0	S81 and (shift or wgs)	US- PGPUB; USPAT; USOCR	ADJ	OFF	2012/01/17 11:17
S84	1	S81 and (shift or wgs or co or carbon monoxide or prox or preferential)	US- PGPUB; USPAT; USOCR	ADJ	OFF	2012/01/17 11:18
S85	0	S81 and (shift\$3 or wgs) same times	US- PGPUB; USPAT; USOCR	ADJ	OFF	2012/01/17 11:18
S86	1	S81 and (shift\$3 or wgs)	US- PGPUB; USPAT; USOCR	ADJ	OFF	2012/01/17 11:18
S87	7	(US-20050181246-\$ or US-20050014041-\$ or US-20040013917-\$ or US-20030175562-\$ or US-20030129100-\$ or US-20010002248-\$ or US-20050227130-\$).did.	US- PGPUB	ADJ	ON	2012/01/17 11:19
S88	4	S87 and (shift\$3 or wgs) same times	US- PGPUB; USPAT; USOCR	ADJ	OFF	2012/01/17 11:19
S89	2	((("20050129997") or ("20030129100")).PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2012/01/17 11:20
S90	7	(US-20050181246-\$ or US-20050014041-\$ or US-20040013917-\$ or US-20030175562-\$ or US-20030129100-\$ or US-20010002248-\$ or US-20050227130-\$).did.	US- PGPUB	ADJ	ON	2012/01/17 11:48
S91	7	S90 and start\$3 and stop\$4	US- PGPUB; USPAT; USOCR	ADJ	ON	2012/01/17 11:48
S92	6	S90 and start\$3 same stop\$4	US- PGPUB; USPAT; USOCR	ADJ	ON	2012/01/17 11:48
S93	2	S89 and fuel cell	US- PGPUB; USPAT; USOCR	ADJ	ON	2012/01/17 11:51
S94	4	S90 and (start\$3 or stop\$4) same (fuel cell and reform\$5 and (heat\$3 or combust\$4) and (shift\$3 or wgs))	US- PGPUB; USPAT; USOCR	ADJ	ON	2012/01/17 12:39
S95	2	S90 and (start\$3 or stop\$4) same (fuel cell	US-	ADJ	ON	2012/01/17

		same reform\$5 same (heat\$3 or combust\$4) same (shift\$3 or wgs))	PGPUB; USPAT; USOCR			12:40
S96	205	start\$3 with stop\$4 with (wgs or shift\$3) with times	US- PGPUB; USPAT; USOCR	ADJ	OFF	2012/01/17 12:41
S97	3	start\$3 with stop\$4 with (wgs or shift\$3) with times and start\$3 with stop\$4 same fuel cell same reform\$5 same (combust\$4 or heat\$3)	US- PGPUB; USPAT; USOCR	ADJ	OFF	2012/01/17 12:42
S98	5	start\$3 with stop\$4 with (wgs or shift\$3) with times and start\$3 with stop\$4 same (fuel cell and reform\$5 and (combust\$4 or heat\$3))	US- PGPUB; USPAT; USOCR	ADJ	OFF	2012/01/17 12:43
S99	2	start\$3 with stop\$4 with (wgs or shift\$3) with times and start\$3 with stop\$4 same (fuel cell and reform\$5 and (combust\$4 or heat\$3)) not S97	US- PGPUB; USPAT; USOCR	ADJ	OFF	2012/01/17 12:43
S100	3	((("20050129997") or ("20030129100") or ("20030175562")).PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2012/01/17 12:57
S101	3	S100 and heat\$3 with reform\$5	US- PGPUB; USPAT; USOCR	ADJ	ON	2012/01/17 12:57
S102	3	S100 and (heater or heated or combust\$4) with reform\$5	US- PGPUB; USPAT; USOCR	ADJ	ON	2012/01/17 12:57
S103	2	S100 and (heater or combust\$4) with reform\$5	US- PGPUB; USPAT; USOCR	ADJ	ON	2012/01/17 12:58
S104	3	S100 and (start\$4 with stop\$4) same (apparatus or generator or fuel cell or heater or shift\$4 or wgs)	US- PGPUB; USPAT; USOCR	ADJ	ON	2012/01/17 12:59
S105	3	S100 and (start\$4 with stop\$4) with (apparatus or generator or fuel cell or heater or shift\$4 or wgs)	US- PGPUB; USPAT; USOCR	ADJ	ON	2012/01/17 12:59
S106	7	(start\$4 with stop\$4) with reform\$5 with (heater or burner or combustor) with (wgs or shift\$3)	US- PGPUB; USPAT; USOCR	ADJ	ON	2012/01/17 13:05

2/ 24/ 2012 2:28:42 PM  
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operating hydrogen generator, and fuel cell system 2.wsp